

# HIGH-SPEED CALIBRATION METHOD AND SYSTEM FOR AN IMAGE-CAPTURE APPARATUS

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## ABSTRACT OF THE INVENTION

The present invention provides a calibration method and circuit for outputting an average calibration value used in an image-capture apparatus. The calibration circuit comprises difference means accepting a plurality of digital signals from capturing a pixel of a calibration chart. The difference means is for operating each digital signal with subtracting a base value, and whereby filters any aberrant digital signal. Divider means accepts the digital signals for operating each digital signal with dividing a number of scanned times, and whereby prevents an operation of any signal from overflowing. Direct average means accepts the digital signals for summing the digital signals and then divides the number of scanned times, and whereby speeds a calibration operation.